

Notice of Allowability

Application No.

09/885,370

Examiner

Thu Ha T. Nguyen

Applicant(s)

UNICE, WARREN K.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 06/20/01.
2. ☒ The allowed claim(s) is/are 1-17.
3. ☒ The drawings filed on 20 June 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)*
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



HOSAIN ALAM

ADVISORY PATENT EXAMINER

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Applicants' Representative, Mr. Edwin Taylor (Reg. No. 25,129), on September 23, 2004.

3. The application has been amended as follow:

In the specification:

4. Applicant's representative agrees to delete all the paragraph numbers indication in the brackets (e.g., [0001], [0002]...[0027], [0029]) as indicating below:

5. In page 1, after the words "Field of the Invention", delete "[0001]".

6. In page 1, after the words "Description of the Related Art", delete "[0002].

7. In page 2, before the words "This approach to domain management..." delete "[0003]".

8. In page 3, delete "[0004]", "[0005]", "[0006]", "[0007]", "[0008]".

9. In page 4, before the words "Various embodiments...", delete "[0009]", before the words "Domain encapsulation...", delete "[0010]".

10. In page 5, before the words "Each domain hosted by...", delete "[0011]", before the words "Fig. 1 shows a functional diagram...", delete "[0012]".

11. In page 6, before the words "A DPS may be set up...", delete "[0013]",
before the words "Multiplexer 17 may use...", delete "[0014]".

12. In page 7, before the words "Fig. 2 shows a diagram...", delete "[0015]",
before the words "Once a request has been received...", delete "[0016]".

13. In page 8, before the words "IP stack 22 may refer...", delete "[0017]".

14. In page 9, before the words "Fig. 3 shows a flow chart...", delete "[0018]",
before the words "A block 34, a second request...", delete "[0019]".

15. In page 10, before the words "The use of a separate...", delete "[0020]",
before the words "Fig. 4 shows a system...", delete "[0021]".

16. In page 11, before the words "However, performance needs may
change...", delete "[0022]", before the words "Moving an entire domain from...", delete
"[0023]".

17. In page 12, before the words "Fig. 5 shows a functional...", delete "[0024]".

18. In page 13, before the words "Domain encapsulation may facilitate...",
delete "[0025]", before the words "The invention may be implemented...", delete
"[0026]".

19. In page 14, before the words "The foregoing description is intended ...",
delete "[0027]".

20. In page 20 of the abstract of the invention, before the words "A system for
processing...", delete "[0029]".

In the claims:

21. Claim 1, after the words "A method", insert -- for processing Internet requests that permits multiple binds to a particular socket number at a particular time on a particular computer--.

22. Claim 1, after the words "binding the first request to", delete --"a"--, insert --the--, and after the words "particular socket number in", delete --"a"--, insert --the--.

23. Claim 15, after the words "A apparatus", insert -- for processing Internet requests that permits multiple binds to a particular socket number at a particular time on a particular computer--.

24. Claim 15, after the words " wherein the first request is bound to", delete --"a"--, insert --the--.

Reasons for Allowance

25. Claims 1-17 are allowed.

26. The following is an examiner's statement of reasons for allowance.

Claims 1, 8 and 15 claim a system and method for processing Internet request comprising the step of receiving an Internet request having a IP address, directing said request to a domain shell for processing said request and binding said request to a particular socket number is documented by the cited prior arts. However, the invention has some particular combination limitations that are different and distinct from prior arts. Among the differences between claimed invention and the prior art of record, the major difference is the combination for processing Internet requests that permits multiple binds to the same socket number at the same time on the same computer wherein receiving a

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first and second Internet requests, directing the first request to a first domain processing shell, directing the second request to a second domain processing shell, wherein binding the first and second requests to a particular socket number in a particular computer is novel thus the invention is patentable.

27. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

28. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (703) 305-7447. The examiner can normally be reached Monday through Friday from 8:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam, can be reached at (703) 308-6662.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

The fax number for art unit 2155 is (703) 872-9306.

Thu Ha Nguyen

September 24, 2004


HOSAIN ALAM
SUPERVISORY PATENT EXAMINER